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# ABSTRACT

0049        A cathode contact pin for making electrically  
conductive contact with a conductive area for carrying out an  
electrodeposition process including a stem region disposed  
adjacent a tip region said stem region for interfacing with an  
electrical source of power for carrying electrical power to said  
tip region said tip region having a radius of curvature forming a  
tip region contact surface for contacting a metal contact pad  
region such that upon contact a contacting portion of the tip  
region contact surface is confined within an area defined by the  
metal contact pad region.